RECORD OF A POLYGRAPH TEST

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Interpreting the peaks and valley an a lie-detector graph is like trying to determine from a weather map if it is going to rain on your street tomorrow." Shown here is a section of such a graph, taken from an actual test given to a 41-year-old morder superct at the defense attomery to a 41-year-old morder superct at the defense attomery to a 41-year-old morder superct went over all of the questions that were to be asked in the course of the test. Then instruments were connected to the suspect's cheet, palm and arm, and the examiner began. "Please it questly have for the floor. Lost straight shaded and try not to move..." Two leadin queries. — Were you born the U.S.7." and "Regarding the tilling of Phyllic." do you intend to answer truthfully each question? — were followed by yet questions recorded by the three lines on the chart: breathing pattern [top], perpipation rate (middle), pulse and blood pressure [bottom]. The numerali indicate the point at which each question was asked. The questions and asverse, with the examiner's comments on them [in Italici, appear below.

Lie Detectors Don't Lie, But—

WALTER GOODMAN is an editor and author whose most recent book, "All Honorable Men," is a study of ethics in business and government,

Fr. Sabout, forty years arene the incelector orbitrided itself upon us, and for most of that time it been under statick as an unit. How the control of the c

was the National Security Agency.

THE Congressmen naturally, are mainty interested in the use of the lie detector—or the polygraph, as practitioners prefer to call it—by the Federal Government. Our executive branch, not counting its supersecret

limbs, owns 512 polygraphs, with which II carried out 19122 tests in which II carried out 19122 tests in the control of the carried out 19122 tests in the carried out 19122 tests that year, a quarter of them to Cuban Army, which gave 12.991 tests that year, a quarter of them to Cuban Charles of the carried out to carried out the carried out the carried out to carried out to carried out the carried out to carried out the carried out to carried out the carried out the carried out to carried out the carried o

(No reactions indicated, Subject is confident he will not be asked unexpected questions.)

about the safety of its broad in transit, and Alexander's department store, which channels, all security personnel through the lie developed and also desired the safety of the Alexander and also state he helped set up the C. I. A.'s polyaph programs in 1948, Change 525 to \$55 a test for his standing arcounts and shapity more for transitional to the safety of the s

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Q—Setween the ages of 30 and 38 did you ever deliberately hurt someone who trusted you? A—No.
(No reactions indicated, Subject is unconcerned with this relatively unimportant "tample-reaction" question.)

the volume goes up.

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to death? A-No.
(Distinct reactions on all three tracings. Subject is attempting deception about his lack of involvement in Phyllis's murder.)

the picturesque language of Begresentative Henry S. Reuss. Wisconsin Democrat. are:

Democrat. are:

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There devices are attached to the subject's body-a precumpraph.

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Q-Duting the first 21 years of your life did you ever deliberately hut someone who trusted you? A-No. (No reaction as the discard. Subject is relieved when asked a relatively trivial question.)

aminer is paying attention, he will notice it.

The state of the polygraph of course does not really care about the richtmes of the patient's internal organs. What intrigues him is any control of the patient's internal organs. What intrigues him is any particular and as whether the subject murdered his wife, helped himself at the cover of the patient's particular and the patient's particular and the patient's particular and patient and the patient and patient and the patient with the lark emotions which will be the patient and or patient and patient and or patient and patient and or patient and pati

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A few days after the suspect took this test, he changed his plea from not guilty to no defense and was sentenced to 30 years in prison.

(No reactions indicated, Subject trusts examiner.)

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In Tule

THE job of interpreting the peaks and valleys on the graph is rather and valleys on the graph is rather wenther map if it is going to random your screet tomorrow. Since a sensitive honest man may show more a sensitive honest man may show more armate reactions on his graph than examiner to decide in each class how the peaks of the pe

or Release 2003/11/04 : CIA-RDP67B00446R000500200044-7

Lie Detectors Don't Lie, But-

(Continued from Poor 13) serening, a cautious examiner can set his point of deception low enough so that he eliminates every liar at the works every liar at the matter of the continuer of the c (Continued from Page 13)

sponse on the polyraph associates guilt.

J. Bdgar Houver, no great admirer of the polygraph spoke for all concerned some processing the processing of the polyraph spoke for all concerned some pittle missionner. The matchine is a complete missionner. The matchine is the hie detector. The person who operates the machine is the hie detector. Writing in 'The Yale Law Journal, Prof. Jerome H. Skolmick cautioned that 'The detection requires a leval as much interpretation as tests performed by clinical psychologists or various medical specialists. ... It requires physicalists. ... It requires physicalists. calists. . . It requires physiological psychological and sociological judgments which even practitioners in those fields would draw only with caution."

WE tack a census of polygrapic examiners, but best estimates place their number somewhere between 2,000 and 3,000. Only three states. New Mexico, Kentucky and Illinois license the craft. New York nearly best Illinois to it in 1963 when both houses of the State Legislature passed a Brewning bill, but Governor Reckefeller did not sign it. In most places, there is

"Our Executive Branch, not counting its supersecret departments, has 512 polygraphs, with which it gave 19,122 tests in a year."

nothing except brice which, in the catalogue of the nation's hadror manifecturer, ranges from \$675 for a 2-pen Portable Deceptograph to \$2025 for a 4-pen Deduce Desk Deceptograph to keep as ambitious private eye from buying a pelygraph, reading the instructions that count with it and setting to work

sorting out the pure from the impure in supermarkets around the land.

inpure in supermarkets around the land.

Among the relatively repriable elements in contemporary polygraphy, the most rigorous requirements for examiners have been established by John E. Reid & Associates of Chiengo, one of the half-dozen schools now in operation. The Reid school demands a college degree, six months of training and six months of training and six months of training and six months of two with under supervision and these requirements are reflected in the Illinois licensing law. Cleve Backster, however, labels them "Stoblisht," and indeed only a few dozen examiners have gone through such an ordeal.

The more usual program.

gozen examiners nave gomen through such as nordeal. The more usual program, such as that at the Army Provost Marshal General School at Fort Gordon, Ga. where a large proportion of Government examiners train takes just seven weeks; that includes seven hours in abnormal psychologist. A Pashern, Calif., school which has been patronized by the United States Post Office Pipartinent charges \$515 for a four-week course.

course.

Prof. Fred E. Inbau of North-western University's School of Law and co-author with Nicked of the only lie-detector to the control of the American Psychiatric Association, the other 20 per cent are unqualified, (to.)

HATEVER reservations the colleagues in polygraphy may have about one another, they share a high regard for their metrument. An associate of John Reid claims that "we can make decisions in better than 90 per cent of the cases tested...) within an accuracy capability of less than 1 per cent error..." Among the Reid form's satisfied clients is the security director of a large Chicago retail store, who reports that theits among employes who have not copied a pre-employment test most implicable rathes most employment than the bed in the security of the control WHATEVER reservations

ermes which have been solved with their help, beginning with Leonarde Keeler's success in 1944 in finding the killers of a German prisoner of war, which started the Army's love atlair with his invention. Pro-fessionals rake special pride in the case where a rape sus-pert's annocence was first in-confinence in Edition Proc-Continued on Following Pages

recontinued from Proceeding Page) dicated by a polygraph, when all the other evidence was against him. "My greatest satisfaction," says Cleve Backster, "is where a guy who everybody thought was in the wrong turns out to be furthful. I like to think of the polygraph as a truth detector." Mr. Backster, who is Jobbying for a New York licensing statute that will weed out unfastiduous examiners, has defastidious examiners, has de-signed his own two-way mirror

is no way of identifying the emotion by study of physiological changes." Any number of extraneous emotions such as irritation at having to
answer personal questions from a fellow who you have
every reason to believe is not
deeply committed to your
welfare may jar the pens. On
the other hand, if the text
wants to hold his breath for
the fun of it, he can do that, the fun of it, he can do that too. The best way to beat the lie detector is to show excite



TRIAL RUN-Cleve Backster (foreground), polygraph ex

through which a third party can watch tests in progress; he is also able to record his tests in stereo.

THE he detector's critics The lie detector's critics concentrated norticularly in the fields of psychology and law agrand that the marked and a continuation of the field of t

trying to too was a constitute of the construction of the construc

ment at the wrong questions

ment at the wrong questions. Nor are critics consoled by John Reid's assurance that an examiner who can't distinguish one type of reaction from another 'is not much of an examiner." Psychlatrist irricky terrain, and it is easy to be misted if you try to map it with a sphygmomanometer.

THE asserted deficiencies of

THE asserted deficiencies of the instrument and its users have aroused special concern in Johnsercenting, where the lie detector reputedly eliminates one out of every three or four applicants. Writing in The Harvard Business Review in 1982, three sudents of the polygraph summed up:

"An individual is persuaded by social pressures to testify against himself through a distincted, error-ridden medium; he may be denied the right to work without ever knowing the reason why, he may be convicted of certain "tudiented without having committed an illegal act; and he logerator's report since it is unknown to him and he has "Outtreed on Fellowing Pages".

Continued on Following Page)